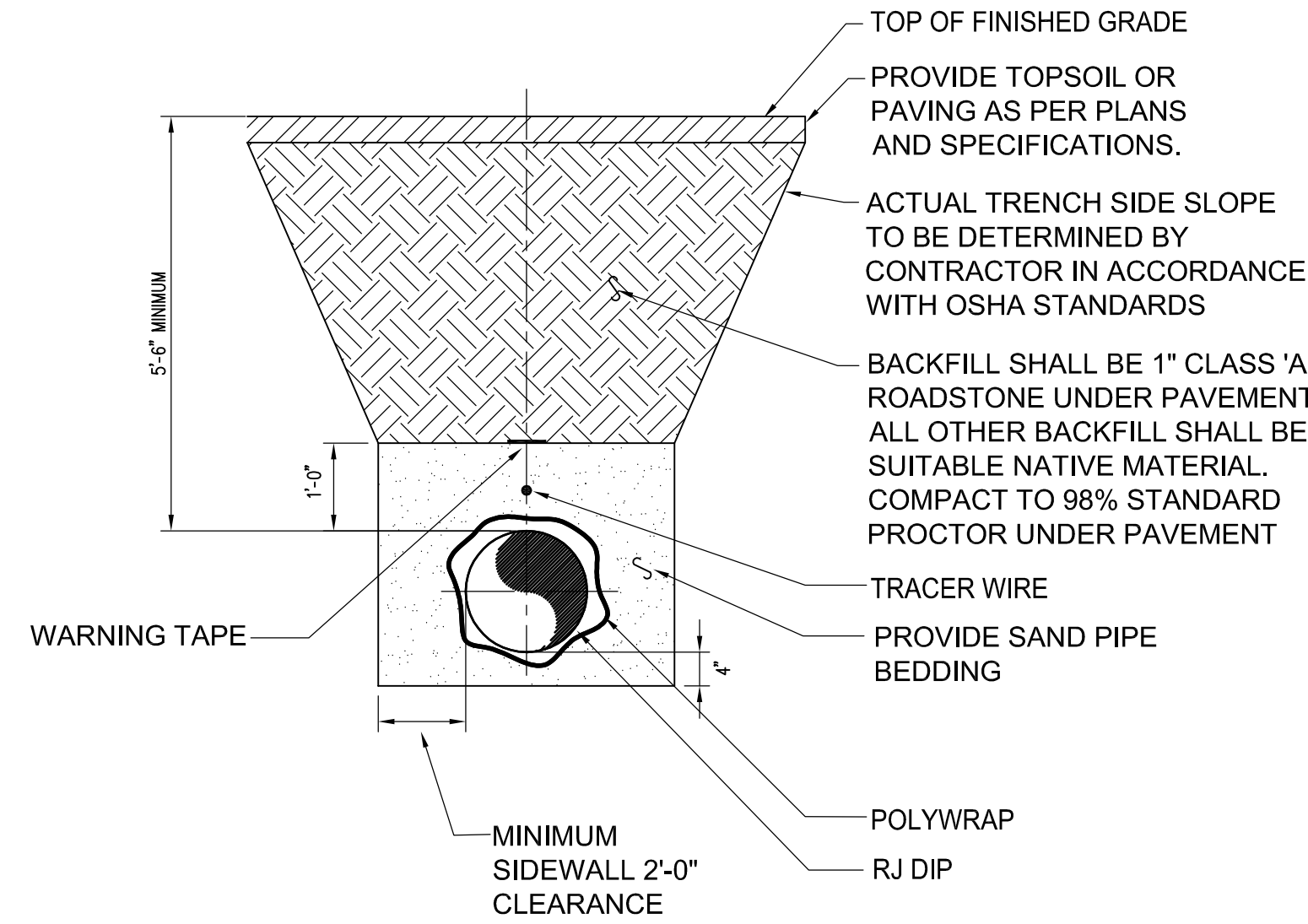
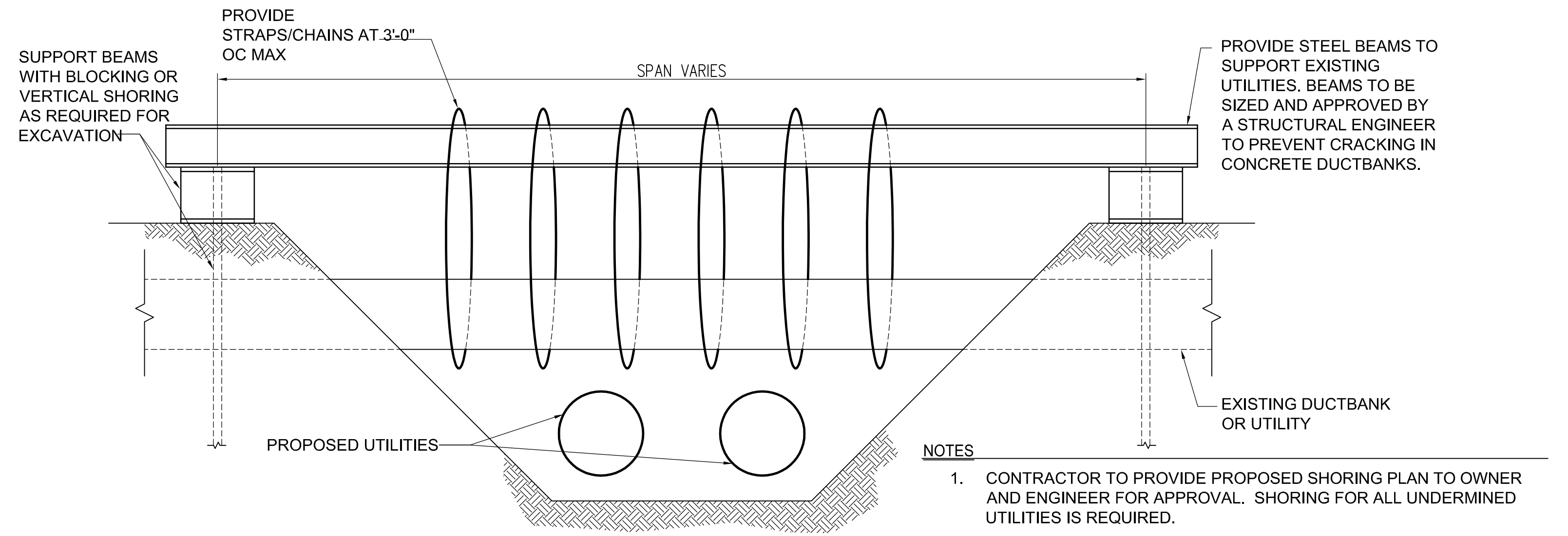


THE ABOVE AREAS ARE BASED UPON A SOIL BEARING CAPACITY OF 2000 PSF OF UNDISTURBED SOIL. IF ACTUAL SOIL BEARING STRENGTH IS LESS THAN 2000 PSF, THE THRUST BEARING AREA SHALL BE INCREASED BASED ON THE ACTUAL SOIL BEARING STRENGTH.

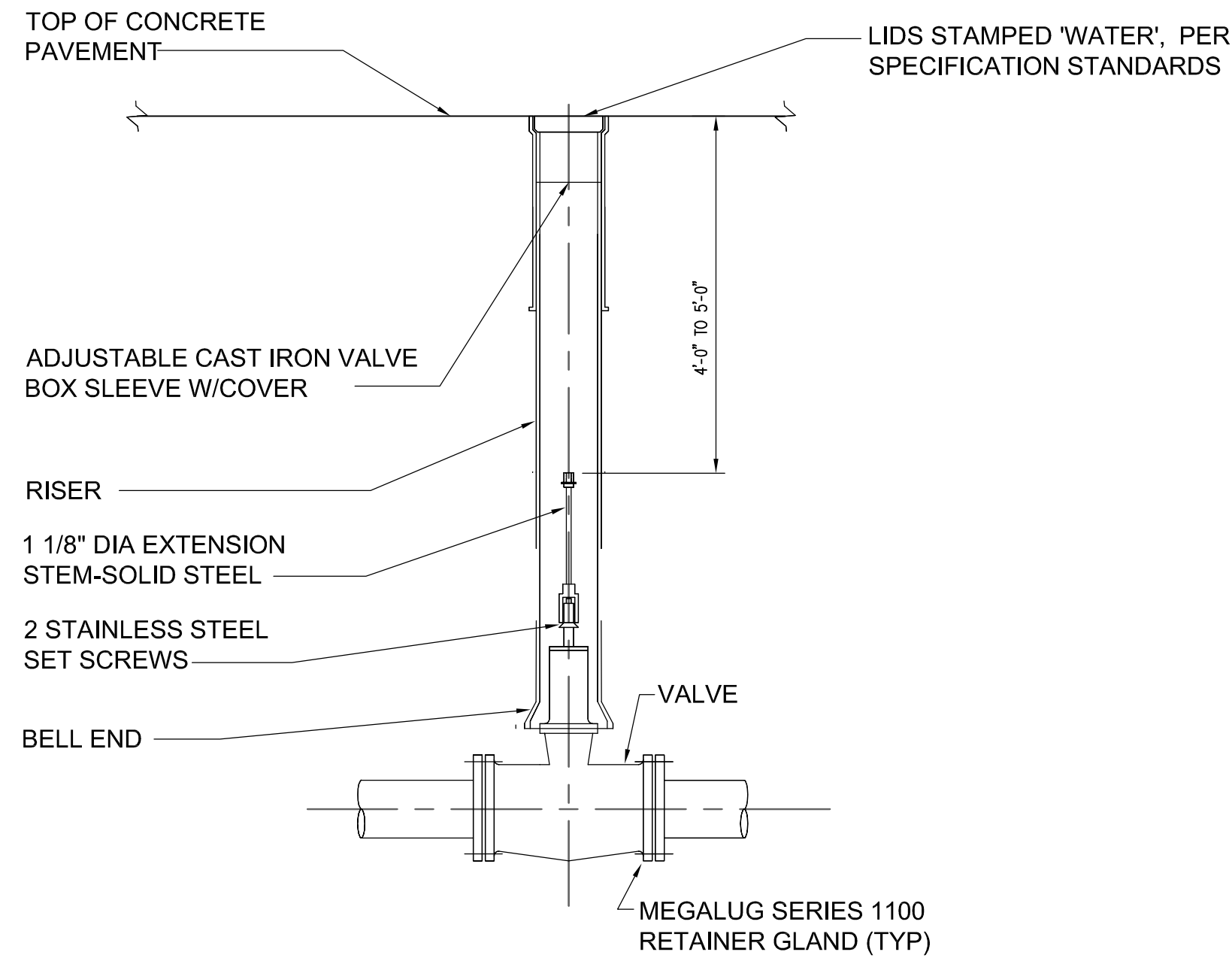
1 THRUST BLOCK BEARING AREA (IN SQUARE FEET)  
NOT TO SCALE



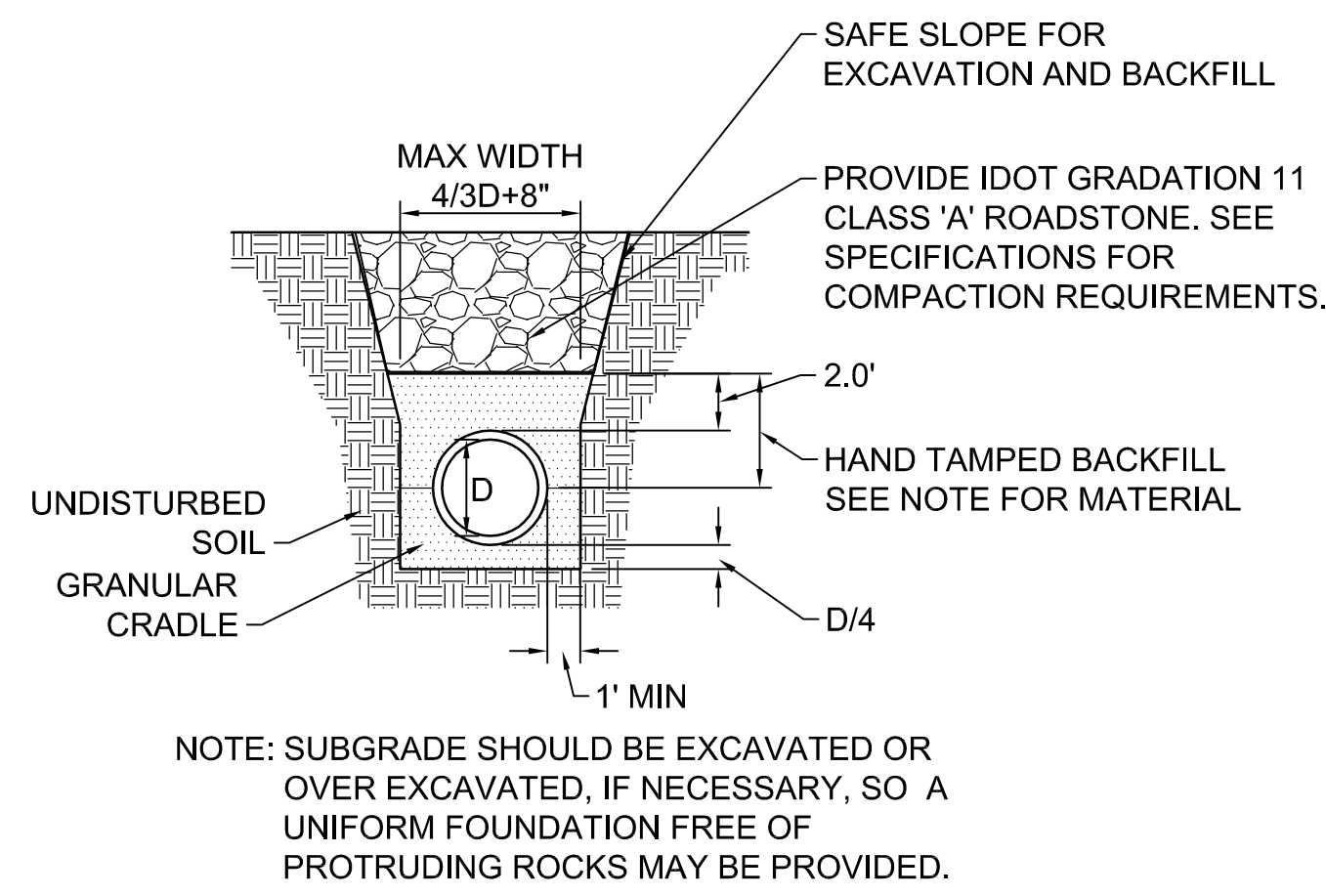
2 TYPICAL WATER PIPE EMBEDMENT AND INSTALLATION DETAIL  
NOT TO SCALE



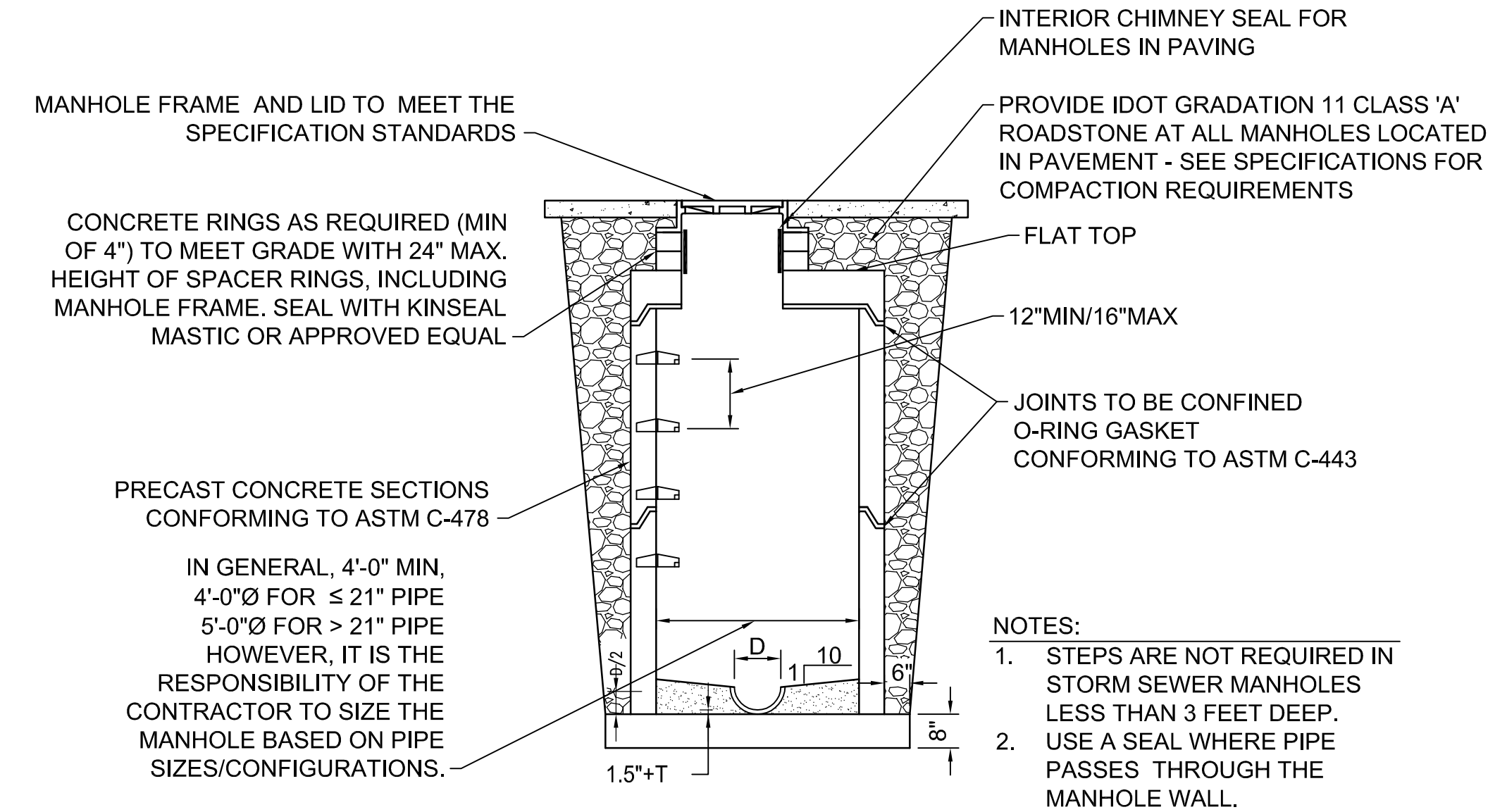
3 SCHEMATIC SHORING OF EXISTING UTILITIES  
NOT TO SCALE



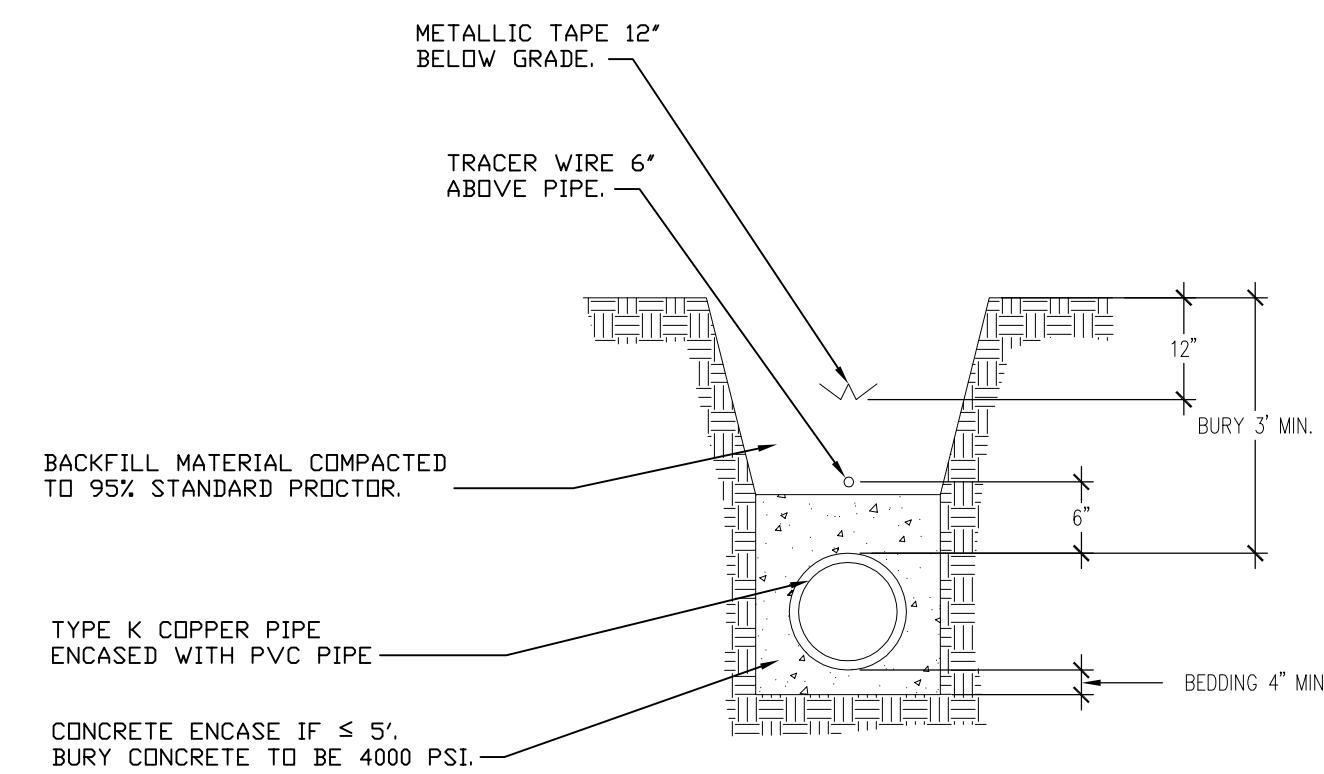
4 VALVE BOX SETTING DETAIL  
NOT TO SCALE



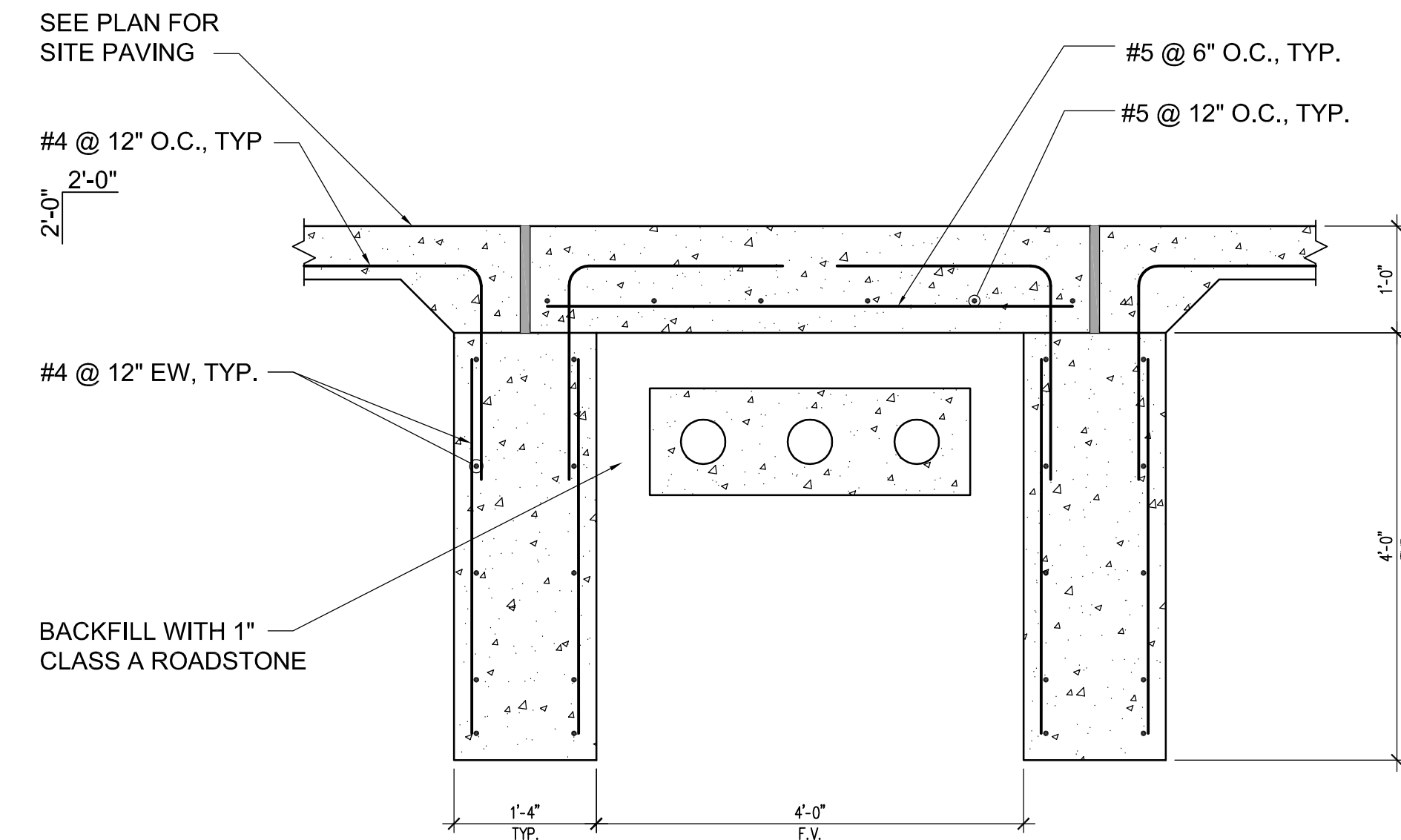
5 PIPE EXCAVATION & BEDDING STORM SEWER PIPE TRENCH  
NOT TO SCALE



6 TYPICAL STORM MANHOLE ≤ 6'-0" IN DEPTH  
NOT TO SCALE



7 BURIED OXYGEN PIPING DETAIL  
NOT TO SCALE



8 DUCT BANK PROTECTION  
3/4"x1'-0"